

L Number	Hits	Search Text	DB	Time stamp
1	345	536/123.13	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/21 11:11
2	108	536/123.13 and catalyst	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/21 11:12
3	103	(536/123.13 and catalyst) and (oxidat\$ or reduc\$ or amina\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/21 11:13
5	77	((536/123.13 and catalyst) and (oxidat\$ or reduc\$ or amina\$)) and (polymer or stabili\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/21 11:14
4	7	((536/123.13 and catalyst) and (oxidat\$ or reduc\$ or amina\$)) and nano\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/21 11:15
6	75	((536/123.13 and catalyst) and (oxidat\$ or reduc\$ or amina\$)) and (polymer or stabili\$) and (sugar or saccharide or carbohyd\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/21 11:18
7	918	502/185	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/21 11:19
8	27	502/185 and (sugar or carbohyd\$ or \$saccharide)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/21 11:20
9	26	(502/185 and (sugar or carbohyd\$ or \$saccharide)) and catalyst	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/21 11:20
10	21	((502/185 and (sugar or carbohyd\$ or \$saccharide)) and catalyst) and (polymer or polymer-stabiliz\$ or stabili\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/21 11:25
11	127	564/450	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/21 11:25
12	75	564/450 and catalyst	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/21 11:25
13	9	(564/450 and catalyst) and (sugar or carbohydrate or \$saccharide)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/21 11:26
14	8	((564/450 and catalyst) and (sugar or carbohydrate or \$saccharide)) and (nano\$ or polymer or stabili\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/21 11:27

L Number	Hits	Search Text	DB	Time stamp
1	643	536/1.11	USPAT	2003/03/21 11:36
2	206	536/1.11 and catalyst	USPAT	2003/03/21 11:36
3	153	(536/1.11 and catalyst) and (nano\$ or polymer or stabili\$)	USPAT	2003/03/21 11:36
4	153	((536/1.11 and catalyst) and (nano\$ or polymer or stabili\$)) and (conver\$ or oxidat\$ or reduc\$ or aminat\$)	USPAT	2003/03/21 11:40
5	139	((((536/1.11 and catalyst) and (nano\$ or polymer or stabili\$)) and (conver\$ or oxidat\$ or reduc\$ or aminat\$)) and process	USPAT	2003/03/21 11:40
6	85	((((536/1.11 and catalyst) and (nano\$ or polymer or stabili\$)) and (conver\$ or oxidat\$ or reduc\$ or aminat\$)) and process) and metal	USPAT	2003/03/21 11:41
7	709	536/123	USPAT	2003/03/21 11:41
8	649	536/123 and (sugar or carbohydrate or \$saccharide or saccharide)	USPAT	2003/03/21 11:42
9	486	(536/123 and (sugar or carbohydrate or \$saccharide or saccharide)) and (reduct\$ or oxidat\$ or aminat\$ or hydrog\$)	USPAT	2003/03/21 11:43
10	393	((536/123 and (sugar or carbohydrate or \$saccharide or saccharide)) and (reduct\$ or oxidat\$ or aminat\$ or hydrog\$)) and (nano\$ or polymer or stabili\$)	USPAT	2003/03/21 11:44
11	79	((((536/123 and (sugar or carbohydrate or \$saccharide or saccharide)) and (reduct\$ or oxidat\$ or aminat\$ or hydrog\$)) and (nano\$ or polymer or stabili\$)) and (cataly\$ and metal)	USPAT	2003/03/21 11:44

L Number	Hits	Search Text	DB	Time stamp
1	3267332	process	USPAT; US-PGPUB; EPO; DERWENT	2003/03/21 17:02
2	1718124	process and (oxida\$ or reduc\$ or aminat\$ or hydrogen\$)	USPAT; US-PGPUB; EPO; DERWENT	2003/03/21 17:10
3	115965	(process and (oxida\$ or reduc\$ or aminat\$ or hydrogen\$)) and (carbohydrate or glucose or fructose or maltose or xylose or lactose)	USPAT; US-PGPUB; EPO; DERWENT	2003/03/21 17:12
4	54873	((process and (oxida\$ or reduc\$ or aminat\$ or hydrogen\$)) and (carbohydrate or glucose or fructose or maltose or xylose or lactose)) and cataly\$	USPAT; US-PGPUB; EPO; DERWENT	2003/03/21 17:12
5	28100	((((process and (oxida\$ or reduc\$ or aminat\$ or hydrogen\$)) and (carbohydrate or glucose or fructose or maltose or xylose or lactose)) and cataly\$) and (platinum or palladium or rhodium or ruthenium or copper or nickel))	USPAT; US-PGPUB; EPO; DERWENT	2003/03/21 17:13
6	27727	(((((process and (oxida\$ or reduc\$ or aminat\$ or hydrogen\$)) and (carbohydrate or glucose or fructose or maltose or xylose or lactose)) and cataly\$) and (platinum or palladium or rhodium or ruthenium or copper or nickel)) and (water or aqueous))	USPAT; US-PGPUB; EPO; DERWENT	2003/03/21 17:14
7	4414	((((((process and (oxida\$ or reduc\$ or aminat\$ or hydrogen\$)) and (carbohydrate or glucose or fructose or maltose or xylose or lactose)) and cataly\$) and (platinum or palladium or rhodium or ruthenium or copper or nickel)) and (water or aqueous)) and promoter	USPAT; US-PGPUB; EPO; DERWENT	2003/03/21 17:14
8	1449	((((((((process and (oxida\$ or reduc\$ or aminat\$ or hydrogen\$)) and (carbohydrate or glucose or fructose or maltose or xylose or lactose)) and cataly\$) and (platinum or palladium or rhodium or ruthenium or copper or nickel)) and (water or aqueous)) and promoter) and industr\$	USPAT; US-PGPUB; EPO; DERWENT	2003/03/21 17:15
9	1432	(((((((((process and (oxida\$ or reduc\$ or aminat\$ or hydrogen\$)) and (carbohydrate or glucose or fructose or maltose or xylose or lactose)) and cataly\$) and (platinum or palladium or rhodium or ruthenium or copper or nickel)) and (water or aqueous)) and promoter) and industr\$) and mix\$	USPAT; US-PGPUB; EPO; DERWENT	2003/03/21 17:16
10	242	((((((((((process and (oxida\$ or reduc\$ or aminat\$ or hydrogen\$)) and (carbohydrate or glucose or fructose or maltose or xylose or lactose)) and cataly\$) and (platinum or palladium or rhodium or ruthenium or copper or nickel)) and (water or aqueous)) and promoter) and industr\$) and mix\$) and bed	USPAT; US-PGPUB; EPO; DERWENT	2003/03/21 17:17

Art Unit: 3747

Claims 20,23,24,28, and 33-35 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Applicant's arguments filed October 20, 2003 have been fully considered but they are not persuasive.

In particular, applicant's primary argument (that the Swanson device does not deliver the fuel to the high pressure pump at a pilot pressure) was convincing however the use of a pilot pressure to a high pressure pump is common in the art as shown by Rembold which is now applied as the primary reference.

Secondly, the problem of fuel vaporization in a high-pressure system is always present in the art and both Swanson and Rewhold show such systems. Swanson merely shows that the use of a coolant flow to cool a high-pressure pump is known and commonly used. One of ordinary skill in the art would have known how to use a coolant jacket on a non-submersible pump as well as a submersed pump.


Finally, claims 29-32 are now clearly rejected and do not represent patentable features of the invention. The lack of a clear rejection in the last office action was the result of a typographical error.

Application/Control Number: 09/890,331
Art Unit: 3747

Page 4

This action has been made non-final since the change in the rejection was not precipitated by applicant's amendment.

Any inquiry concerning this communication should be directed to Carl Miller at telephone number 703-308-2653.



Carl S. Miller
Primary Examiner